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Docket No.: 215384-106379
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Chang-Jun Ahn et al.

Application No.: National Phase of
PCT/JP2004/000174

Confirmation No.: N/A

Filed: Concurrently Herewith

Art Unit: N/A

For: Communication System, Transmitter, Receiver,
Transmitting Method, Receiving Method, and
Program

Examiner: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT (IDS)

MS: PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement accompanies the new patent application submitted herewith.

Applicant has not submitted copies of each cited U.S. patent and U.S. patent application as required by 37 CFR 1.98(a)(2)(i), amended October 2004, as the U.S. Patent and Trademark Office has waived this requirement for all U.S. patent applications. Applicant submits herewith copies of foreign and non-patents in accordance with 37 CFR 1.98(a)(2).

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 50-3145, under Order No. 215384-106379.

Dated: July 12, 2006

Respectfully submitted,

By 

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10/585959

AP20 Rec'd PCT/PTO 13 JUL 2006

Application No. (if known): Not Yet Assigned

Attorney Docket No.: 215384-106379

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IDS (Citation) by Applicant (6 References) (1 page)
Information Disclosure Statement (2 pages)

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PTO/SB/08a/b (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

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				10/585959		
				Application Number	Not Yet Assigned	
				Filing Date	Concurrently Herewith	
				First Named Inventor	Chang-Jun Ahn	
				Art Unit	N/A 2611	
Examiner Name	Not Yet Assigned					
Attorney Docket Number	215384-106379					
Sheet	1	of	1			

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS						
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NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
/LN/	CA	Reverse Link Performance Improvement for Dynamic Parameter Controlled OFDM Using Alamouti Coded Heterogeneous Polarization Antennas (The Institute of Electronics, Information and Communication Engineers), Technical Report of IEICE, DSP2003-153, SAT2003-150, RC2003-248(2004-01)		
/LN/	CB	A Simple Theoretical Model for Polarization Diversity Reception in Wireless Mobile Environments, IEEE Antennas and Propagation Society International Symposium, 1999 Digest Vol. 2, July 11-16, 1999 Orlando, Florida		
/LN/	CC	Convolutional Coded Coherent and Differential Unitary Space-Time Modulated OFDM With Bit Interleaving for Multiple Antennas System (The Institute of Electronics, Information and Communication Engineers) Technical Report of IEICE, SST2002-47 (2002-10)		
/LN/	CD	On Extended Alamouti Schemes for Space-Time Coding, Published in the Proceedings of 5th International Symposium on Wireless Personal Multimedia Communications, Oct. 27-30, 2002 Hawaii		
/LN/	CE	Experimental Results of Cross Polarization Discrimination and Signal Correlation Values for a Polarization Diversity Scheme, 1997 IEEE 47th Vehicular Technology Conference, Phoenix, AZ, May 4-7, 1997		
/LN/	CF	Space Division Multiplexing (SDM) for OFDM Systems, 2000 IEEE, 51st Vehicular Technology Conference Proceedings, May 15-18, 2000 Tokyo, Japan		

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Examiner Signature	/Leon Viet Nguyen/	Date Considered	05/27/2009
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